Lilach Gavish

List of Publications by Year
in descending order

25 papers	469 citations	932766 10 h-index	713013 21 g-index
25 all docs	25 docs citations	25 times ranked	593 citing authors

#	Article	IF	Citations
1	Treatment of diabetic foot ulcers in a frail population with severe co-morbidities using at-home photobiomodulation laser therapy: a double-blind, randomized, sham-controlled pilot clinical study. Lasers in Medical Science, 2022, 37, 919-928.	1.0	11
2	Photobiomodulation and estrogen stabilize mitochondrial membrane potential in angiotensinâ€“<scp>II</scp> challenged porcine aortic smooth muscle cells. Journal of Biophotonics, 2021, 14, e202000329.	1.1	12
3	Novel self-fixation chest drain device tested in a swine model of pneumo-hemothorax. Minimally Invasive Therapy and Allied Technologies, 2021, 30, 40-46.	0.6	1
4	Remote ischemic preconditioning improves tissue oxygenation in a porcine model of controlled hemorrhage without fluid resuscitation. Scientific Reports, 2021, 11, 10808.	1.6	0
5	Photobiomodulation as an Adjunctive Treatment to Physiotherapy for Reduction of Anterior Knee Pain in Combat Soldiers: A Prospective, Doubleâ€Blind, Randomized, Pragmatic, Shamâ€Controlled Trial. Lasers in Surgery and Medicine, 2021, 53, 1376-1385.	1.1	3
6	A mathematical model of cardiovascular dynamics for the diagnosis and prognosis of hemorrhagic shock. Mathematical Medicine and Biology, 2021, 38, 417-441.	0.8	0
7	Photobiomodulation for Diabetic Foot Ulcers? Show Me!. Photobiomodulation, Photomedicine, and Laser Surgery, 2021, 39, 631-633.	0.7	1
8	Supportive care of cancer patients with a self-applied photobiomodulation device: a case series. Supportive Care in Cancer, 2021, 29, 4743-4749.	1.0	5
9	Ventilating the Bearded: A Randomized Crossover Trial Comparing a Novel Bag-Valve-Guedel Adaptor to a Standard Mask. Military Medicine, 2020, 185, e1300-e1308.	0.4	1
10	Early Maladaptive Cardiovascular Responses are Associated with Mortality in a Porcine Model of Hemorrhagic Shock. Shock, 2020, 53, 485-492.	1.0	4
11	Microcirculatory Response to Photobiomodulationâ€”Why Some Respond and Others Do Not: A Randomized Controlled Study. Lasers in Surgery and Medicine, 2020, 52, 863-872.	1.1	21
12	Assessment of the Efficacy and Safety of a Novel, Low-Cost, Junctional Tourniquet in a Porcine Model of Hemorrhagic Shock. Military Medicine, 2020, 185, 96-102.	0.4	2
13	At-Home Self-Applied Photobiomodulation Device for the Treatment of Diabetic Foot Ulcers in Adults With Type 2 Diabetes: Report of 4ÂCases. Canadian Journal of Diabetes, 2020, 44, 375-378.	0.4	13
14	Therapeutic Efficacy of Home-Use Photobiomodulation Devices: A Systematic Literature Review. Photobiomodulation, Photomedicine, and Laser Surgery, 2019, 37, 4-16.	0.7	26
15	Therapeutic Efficacy of Home-Use Photobiomodulation Devices: A Systematic Literature Review. Photomedicine and Laser Surgery, 2018, , .	2.1	9
16	Chapter 26 Low-Level Laser and Experimental Aortic Aneurysm. , 2016, , 471-490.		0
17	Contradictory Effects of Hypercholesterolemia and Diabetes Mellitus on the Progression of Abdominal Aortic Aneurysm. American Journal of Cardiology, 2015, 115, 399-401.	0.7	9
18	Inadequate reinforcement of transmedial disruptions at branch points subtends aortic aneurysm formation in apolipoprotein-E-deficient mice. Cardiovascular Pathology, 2014, 23, 152-159.	0.7	16

#	Article	IF	Citations
19	Arrest of progression of preâ€induced abdominal aortic aneurysm in apolipoprotein Eâ€deficient mice by low level laser phototherapy. Lasers in Surgery and Medicine, 2014, 46, 781-790.	1.1	8
20	Lessons from Animal Models of Arterial Aneurysm. Aorta, 2013, 1, 244-254.	0.1	8
21	Low level laser arrests abdominal aortic aneurysm by collagen matrix reinforcement in apolipoprotein Eâ€deficient mice. Lasers in Surgery and Medicine, 2012, 44, 664-674.	1.1	18
22	Low-level laser irradiation inhibits abdominal aortic aneurysm progression in apolipoprotein E-deficient mice. Cardiovascular Research, 2009, 83, 785-792.	1.8	18
23	Irradiation with 780 nm diode laser attenuates inflammatory cytokines but upregulates nitric oxide in lipopolysaccharideâ€stimulated macrophages: Implications for the prevention of aneurysm progression. Lasers in Surgery and Medicine, 2008, 40, 371-378.	1.1	86
24	Low-level laser irradiation modulates matrix metalloproteinase activity and gene expression in porcine aortic smooth muscle cells. Lasers in Surgery and Medicine, 2006, 38, 779-786.	1.1	108
25	Low level laser irradiation stimulates mitochondrial membrane potential and disperses subnuclear promyelocytic leukemia protein. Lasers in Surgery and Medicine, 2004, 35, 369-376.	1.1	89